

WHAT IS CLAIMED IS:

- 1 1. A nutritional product for equine foals and other  
2 animals, comprising:
  - 3 a polar lipid supplement which is high in
  - 4 galactolipids and antioxidants;
  - 5 a soluble fiber that exerts a beneficial effect
  - 6 on health;
  - 7 a nutriceutic which enhances growth and/or
  - 8 strengthens the immune system; and
  - 9 a protein concentrate supplement.
- 1 2. A nutritional product as defined in Claim 1,  
2 wherein said polar lipid supplement contains  
3 antioxidants.
- 1 3. A nutritional product as defined in Claim 1,  
2 wherein said polar lipid supplement contains lipids of  
3 oats.
- 1 4. A nutritional product as defined in Claim 1,  
2 wherein said polar lipid supplement comprises at least  
3 one oil selected from the group consisting of oat oil,  
4 soybean oil, olive oil, palm oil, sunflower oil, corn  
5 oil, rapeseed oil, and linseed oil.
- 1 5. A nutritional product as defined in Claim 1,  
2 wherein said polar lipid supplement comprises:  
3 oat oil.
- 1 6. A nutritional product as defined in Claim 5,  
2 wherein said oat oil comprises a mixture of oat oil  
3 from all phases of the extraction process.
- 1 7. A nutritional product as defined in Claim 1,  
2 wherein said polar lipid supplement comprises between  
3 approximately four percent and fifty percent of said  
4 nutritional product by weight.

1 8. A nutritional product as defined in Claim 7,  
2 wherein said polar lipid supplement comprises between  
3 approximately twenty-five percent and forty-five  
4 percent of said nutritional product by weight.

1 9. A nutritional product as defined in Claim 8,  
2 wherein said polar lipid supplement comprises  
3 approximately thirty-five and four-fifths percent of  
4 said nutritional product by weight.

1 10. A nutritional product as defined in Claim 1,  
2 wherein said soluble fiber is an oligosaccharide.

1 11. A nutritional product as defined in Claim 1,  
2 wherein said soluble fiber is derived from at least  
3 one ingredient selected from the group consisting of  
4 oats, barley, and soybeans.

1 12. A nutritional product as defined in Claim 1,  
2 wherein said soluble fiber is derived from oats.

1 13. A nutritional product as defined in Claim 1,  
2 wherein said soluble fiber comprises:  
3  $\beta$ -glucan (beta-glucan).

1 14. A nutritional product as defined in Claim 13,  
2 wherein said wherein said  $\beta$ -glucan is derived from  
3 oats.

1 15. A nutritional product as defined in Claim 1,  
2 wherein said soluble fiber comprises between  
3 approximately one-half and fifty percent of said  
4 nutritional product by weight.

1 16. A nutritional product as defined in Claim 15,  
2 wherein said soluble fiber comprises between

3 approximately two and ten percent of said nutritional  
4 product by weight.

1 17. A nutritional product as defined in Claim 16,  
2 wherein said soluble fiber supplement comprises  
3 approximately two and one-half percent of said  
4 nutritional product by weight.

1 18. A nutritional product as defined in Claim 1,  
2 wherein said nutriceine comprises:  
3 dietary nucleotides.

1 19. A nutritional product as defined in Claim 1,  
2 wherein said nutriceine comprises:  
3 yeast cell extract.

1 20. A nutritional product as defined in Claim 19,  
2 wherein said yeast cell extract comprises between  
3 approximately one-half percent and ten percent of said  
4 nutritional product by weight.

1 21. A nutritional product as defined in Claim 20,  
2 wherein said yeast cell extract comprises  
3 approximately five percent of said nutritional product  
4 by weight.

1 22. A nutritional product as defined in Claim 19,  
2 wherein said yeast cell extract is derived from bakers  
3 or brewers yeast.

1 23. A nutritional product as defined in Claim 19,  
2 wherein said yeast cell extract comprises:  
3 the material marketed under the trademark Yeast  
4 Cell Extract (2006) by Lesaffre.

1 24. A nutritional product as defined in Claim 1,  
2 wherein said nutriceine comprises:  
3 yeast cell wall.

1 25. A nutritional product as defined in Claim 24,  
2 wherein said yeast cell wall comprises between  
3 approximately one-half percent and five percent of  
4 said nutritional product by weight.

1 26. A nutritional product as defined in Claim 25,  
2 wherein said yeast cell wall comprises approximately  
3 two percent of said nutritional product by weight.

1 27. A nutritional product as defined in Claim 1,  
2 wherein said protein concentrate supplement comprises:  
3 whey protein concentrate.

1 28. A nutritional product as defined in Claim 27,  
2 wherein said whey protein concentrate contains high  
3 levels of immunoglobulins and lactalalbumins.

1 29. A nutritional product as defined in Claim 1,  
2 additionally comprising:  
3 a nutriceine which stimulates the formation of  
4 nucleotides.

1 30. A nutritional product as defined in Claim 29,  
2 wherein said nutriceine which stimulates the formation  
3 of nucleotides comprises:  
4 L-glutamine.

1 31. A nutritional product as defined in Claim 30,  
2 wherein said L-glutamine comprises between  
3 approximately two percent and six percent of said  
4 nutritional product by weight.

1 32. A nutritional product as defined in Claim 31,  
2 wherein said L-glutamine comprises approximately four  
3 percent of said nutritional product by weight.

1 33. A nutritional product as defined in Claim 1,  
2 additionally comprising:  
3 Vitamin E.

1 34. A nutritional product as defined in Claim 33,  
2 wherein said Vitamin E comprises approximately two-  
3 tenths percent of said nutritional product by weight.

1 35. A nutritional product as defined in Claim 1,  
2 additionally comprising:  
3 at least one mineral micronutritional additive.

1 36. A nutritional product as defined in Claim 35,  
2 wherein at least one mineral micronutritional additive  
3 comprises:  
4 one or more from the group consisting of selenium  
5 yeast, copper yeast, manganese yeast, zinc yeast, and  
6 chromium yeast.

1 37. A nutritional product as defined in Claim 36,  
2 wherein each said mineral micronutritional additive  
3 comprises approximately one-tenth percent of said  
4 nutritional product by weight.

1 38. A nutritional product as defined in Claim 1,  
2 additionally comprising:  
3 a medication that is carried with the other  
4 ingredients of said nutritional product, wherein at  
5 least one of the absorption or the therapeutic value  
6 of said medication is maximized by being taken in  
7 conjunction with said nutritional product.

1 39. A feed supplement for equine foals and other  
2 animals, comprising:  
3 an oat oil-based polar lipid supplement;  
4  $\beta$ -glucan (beta-glucan) soluble fiber;  
5 a nutriceine which contains nucleotides;  
6 a surfactant amino acid-based nutriceine which  
7 stimulates the formation of nucleotides; and  
8 whey protein concentrate.

1 40. A nutritional product for equine foals and other  
2 animals, comprising:  
3 a first ingredient for protecting intestinal  
4 tissue and increasing the bioavailability of nutrients  
5 to the body;  
6 a second ingredient for increasing the immune  
7 system and enhancing the production of micronutrients;  
8 a third ingredient for enhancing growth and  
9 thickness and supporting nutritional uptake; and  
10 a fourth ingredient containing a high level of  
11 dietary protein.

1 41. A nutritional product as defined in Claim 40,  
2 wherein said first ingredient comprises:  
3 a polar lipid supplement.

1 42. A nutritional product as defined in Claim 41,  
2 wherein said polar lipid supplement comprises:  
3 oat oil.

1 43. A nutritional product as defined in Claim 40,  
2 wherein said second ingredient comprises:  
3 a soluble fiber.

1 44. A nutritional product as defined in Claim 43,  
2 wherein said soluble fiber comprises:  
3  $\beta$ -glucan (beta-glucan).

1 45. A nutritional product as defined in Claim 44,  
2 wherein said  $\beta$ -glucan is derived from oats.

1 46. A nutritional product as defined in Claim 40,  
2 wherein said third ingredient comprises:  
3 a nutrice which provides a significant level of  
4 nucleotides.

1 47. A nutritional product as defined in Claim 46,  
2 wherein said nutrice comprises:  
3 yeast cell extract.

1 48. A nutritional product as defined in Claim 46,  
2 wherein said nutrice comprises:  
3 yeast cell wall.

1 49. A nutritional product as defined in Claim 40,  
2 wherein said fourth ingredient comprises:  
3 whey protein concentrate.

1 50. A nutritional product as defined in Claim 49,  
2 wherein said whey protein concentrate contains high  
3 levels of immunoglobulins and lactalbumins.

1 51. A nutritional product as defined in Claim 40,  
2 additionally comprising:  
3 a fifth ingredient for stimulating the production  
4 of a nutrice which enhances growth and/or  
5 strengthens the immune system.

1 52. A nutritional product as defined in Claim 51,  
2 wherein said fifth ingredient comprises:  
3 a nutrice which stimulates the formation of  
4 nucleotides.

- 1 53. A nutritional product as defined in Claim 52,  
2 wherein said nutrice which stimulates the formation  
3 of nucleotides comprises:  
4 L-glutamine.
- 1 54. A nutritional product as defined in Claim 44,  
2 additionally comprising:  
3 at least one ingredient from the group consisting  
4 of Vitamin E, selenium yeast, copper yeast, manganese  
5 yeast, zinc yeast, and chromium yeast.
- 1 55. A nutritional product for equine foals and other  
2 animals, comprising:  
3 a polar lipid supplement which is high in  
4 galactolipids and antioxidants;  
5 a nutrice which enhances growth and/or  
6 strengthens the immune system; and  
7 a protein concentrate supplement.
- 1 56. A nutritional product, comprising:  
2 a polar lipid supplement;  
3 a soluble fiber; and  
4 a nutrice which enhances growth and/or  
5 strengthens the immune system.
- 1 57. A method of making a nutritional product for  
2 equine foals and other animals, said method  
3 comprising:  
4 providing a polar lipid supplement;  
5 providing a soluble fiber;  
6 providing a nutrice which enhances growth  
7 and/or strengthens the immune system; and  
8 mixing said polar lipid supplement, said soluble  
9 fiber, and said nutrice which enhances growth and/or  
10 strengthens the immune system together.



1 58. A method of making a nutritional product for  
2 equine foals and other animals, said method  
3 comprising:  
4 providing a polar lipid supplement;  
5 providing a soluble fiber;  
6 providing a nutriceine which enhances growth  
7 and/or strengthens the immune system;  
8 providing a nutriceine which stimulates the  
9 formation of nucleotides;  
10 a protein concentrate; and  
11 mixing said polar lipid supplement, said soluble  
12 fiber, said nutriceine which enhances growth and/or  
13 strengthens the immune system, said nutriceine which  
14 stimulates the formation of nucleotides, and said  
15 protein concentrate together.

1 59. A method for feeding a nutritional product for  
2 equine foals, and other animals, said method  
3 comprising:  
4 preparing an appropriately sized dose of  
5 nutritional product comprising:  
6 a polar lipid supplement;  
7 a soluble fiber;  
8 a nutriceine which enhances growth and/or  
9 strengthens the immune system; and  
10 a protein concentrate;  
11 administering said nutritional product to an  
12 equine foal or other animal on a regular basis; and  
13 repeating said preparing and administering steps  
14 at least once daily.

1 60. A method for utilizing a nutritional product for  
2 use in administering a medication in equine foals or  
3 other animals, said method comprising:  
4 preparing an appropriately sized dose of  
5 nutritional product comprising:

6           a polar lipid supplement which is high in  
7           galactolipids and antioxidants;  
8           a soluble fiber that exerts a beneficial  
9           effect on health; and  
10          a nutriceutic which enhances growth and/or  
11          strengthens the immune system; and  
12          a protein concentrate;  
13          mixing an appropriately sized dose of a  
14          medication into said nutritional product;  
15          administering said nutritional product to an  
16          equine foal or other animal.